

WHAT IS CLAIMED IS:

- 1 1. A configuration tool, comprising:
 - 2 a computer having a memory and a processor;
 - 3 a database of transit system information, the database in
 - 4 communications with the computer;
 - 5 at least one transit information display in communication with
 - 6 the computer over a radio frequency communications link; and
 - 7 a program running on the computer, the program configured to
 - 8 define parameters for the at least one transit information display and storing
 - 9 the parameters in the database.
- 1 2. The configuration tool of claim 1, wherein the program enables
- 2 a user to add at least one transit information display to the database.
- 1 3. The configuration tool of claim 1, wherein the program enables
- 2 a user to delete at least one transit information display from the database.
- 1 4. The configuration tool of claim 1, wherein the parameters
- 2 include a display name parameter.
- 1 5. The configuration tool of claim 1, wherein the parameters
- 2 include a radio network identification parameter.
- 1 6. The configuration tool of claim 1, wherein the parameters
- 2 include a time point crossing parameter.
- 1 7. The configuration tool of claim 1, wherein the parameters
- 2 include a routes to display parameter.

1 8. The configuration tool of claim 1, wherein the parameters
2 include an arrival countdown timer parameter.

1 9. The configuration tool of claim 1, wherein the parameters
2 include a direction filter parameter.

1 10. The configuration tool of claim 1, wherein the parameters
2 include a user defined messages parameter.

1 11. The configuration tool of claim 1, wherein the parameters
2 include scheduled messages begin and end time parameters.

1 (12). The configuration tool of claim 1, wherein the transit
2 information displays are configured for use in a bus transit system.

1 13. A method of processing information for a transit information
2 display, comprising:

3 providing a computer having a processor and a memory;
4 inputting parameters for a transit information display to a
5 configuration program on the computer;
6 communicating the parameters to a database for storage of the
7 data;
8 accessing the database for the parameters relating to the transit
9 information display; and
10 communicating information according to the parameters, to the
11 transit information display over a radio communications link.

1 14. The method of claim 13, further comprising:
2 starting the configuration program.

- 1 15. The method of claim 13, further comprising:
2 displaying bus arrival time information on the transit information
3 display.

- 1 16. The method of claim 13, further comprising:
2 adding at least one transit information display to the database.

- 1 17. The method of claim 13, further comprising:
2 deleting at least one transit information display from the
3 database.

- 1 18. The method of claim 13, further comprising:
2 inputting a display name parameter.

- 1 19. The method of claim 13, further comprising:
2 inputting a radio network identification parameter.

- 1 20. The method of claim 13, further comprising:
2 inputting a time point crossing parameter.

- 1 21. The method of claim 13, further comprising:
2 inputting a routes to display parameter.

- 1 22. The method of claim 13, further comprising:
2 inputting an arrival countdown timer parameter.

- 1 23. The method of claim 13, further comprising:
2 inputting a direction filter parameter.

- 1 24. The method of claim 13, further comprising:
2 inputting a user defined messages parameter.

1 25. The method of claim 13, further comprising:
2 inputting scheduled messages begin and end time parameters.

1 26. A system for configuring a transit information display,
2 comprising:
3 a computer having a processor, a memory, and a display;
4 a database accessible by the computer; and
5 a program running on the computer processor and stored in the
6 memory, the program including an area for providing input to the database
7 relating to parameters of the transit information display.

1 27. The configuration tool of claim 26, wherein the program enables
2 a user to add at least one transit information display to the database.

1 28. The configuration tool of claim 26, wherein the program
2 enables a user to delete at least one transit information display from the
3 database.

1 29. The configuration tool of claim 26, wherein the parameters
2 include a display name parameter.

1 30. The configuration tool of claim 26, wherein the parameters
2 include a radio network identification parameter.

1 31. The configuration tool of claim 26, wherein the parameters
2 include a time point crossing parameter.

1 32. The configuration tool of claim 26, wherein the parameters
2 include a routes to display parameter.

1 33. The configuration tool of claim 26, wherein the parameters
2 include an arrival countdown timer parameter.

1 34. The configuration tool of claim 26, wherein the parameters
2 include a direction filter parameter.

1 35. The configuration tool of claim 26, wherein the parameters
2 include a user defined messages parameter.

1 36. The configuration tool of claim 26, wherein the parameters
2 include scheduled messages begin and end time parameters.

1 37. The configuration tool of claim 26, wherein the transit
2 information displays are configured for use in a bus transit system.